



DESIGN <i>PH</i>	DRAWN BY <i>PH</i>	DART AEROSPACE USA, INC. PORT HADLOCK, WA	
CHECKED <i>[Signature]</i>	APPROVED <i>[Signature]</i>	DRAWING NO. DSI 9367	REV. A SHEET 1 OF 3
DATE 07.02.09		TITLE STAINLESS STEEL WEARSHOE KITS SCALE NTS	
A	07.02.09	NEW ISSUE	

DART SERVICE INSTRUCTION
TO AMEND INSTALLATION INSTRUCTIONS IIN-D412-742 REV. B
REF. FAA STC: SR01583SE
REF. CANADIAN STC: SH05-37 ISSUE 1

For customers with D412-742-011/-013 float skid tubes at CHG 002 or earlier who would like to upgrade to stainless steel wearshoes the following kit can be obtained from Dart:

QTY -011	Part Number	Description
X	DSI 9367-011	WEARSHOE KIT
1	D3564-1	WEARSHOE (REPLACES D3460-1)
2	D3566-1	GASKET
1	D3564-3	WEARSHOE (REPLACES D3460-3)
1	D3564-5	WEARSHOE (REPLACES D2577-5)
1	D3566-5	GASKET
24	AN3C4A	BOLT
12	AN3C6A	BOLT
8	AN3C7A	BOLT
44	AN960C10L	WASHER

For customers with D412-742-011/-013 float skid tubes at CHG 002 or earlier who would like to upgrade the fwd and aft sections of their float skid tubes, the following kits can be obtained from Dart:

QTY -013	Part Number	Description
X	DSI 9367-013	WEARSHOE KIT
1	D3564-13	WEARSHOE
1	D3566-13	GASKET
1	D3537-1	WEARPAD
1	D3553-1	GASKET
1	D3537-7	WEARPAD
1	D3553-3	GASKET
10	NAS1330C3KB166	INSERT
4	NAS1330C3KB266	INSERT
10	AN3C4A	BOLT
4	AN3C5A	BOLT
14	AN960C10L	WASHER

Copyright © 2007 by DART AEROSPACE USA, INC.

THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.

DART

DESIGN <i>PH</i>	DRAWN BY <i>PH</i>	DART AEROSPACE USA, INC. PORT HADLOCK, WA	
CHECKED <i>[Signature]</i>	APPROVED <i>[Signature]</i>	DRAWING NO. DSI 9367	REV. A SHEET 2 OF 3
DATE 07.02.09	TITLE STAINLESS STEEL WEARSHOE KITS		SCALE NTS

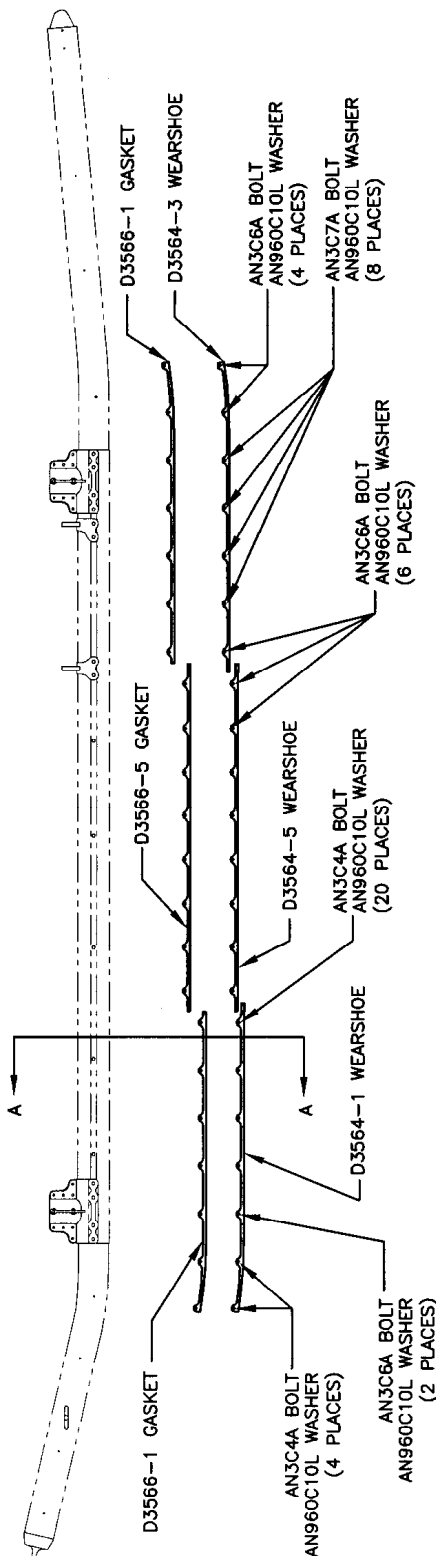
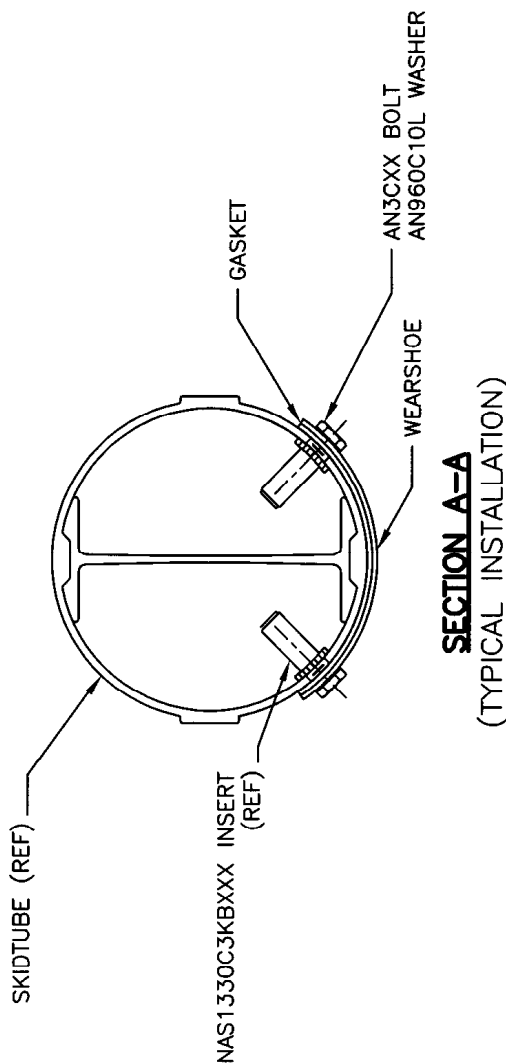


FIGURE 1: DSI 9367-011 WEARSHOE KIT



DSI 9367-011 Wearshoe Kit Installation Procedure

- 1) Remove skidtube from aircraft per Section 32.1 of ICA-D412-742.
- 2) Remove existing D3460-1/-3 and D2577-5 wearshoes by removing AN3C hardware. Begin wearshoe removal from the fwd end of the skidtube towards the aft end.
Note: Removing the wearshoes will require breaking a layer of sealant between the wearplates and the skidtube.
- 3) Clean residual sealant off the bottom of the skidtube. Check for corrosion and mechanical damage in accordance with Chapter 5 of ICA-D412-742 and repair as required.
- 4) Install D3564-1/-3/-5 wearshoes complete with D3566-1/-5 gaskets using AN3C bolts beginning from the aft end of the skidtube and install towards the fwd end of the skidtube as shown in Figure 1. Seal all bolts with Sikaflex-241/-291 or Proseal 890 or MIL-S-8802 Class 'B2' sealant before installing. Torque bolts to 15-25 in-lbs (1.7-2.8 N-m).
- 5) Re-install skidtube on aircraft per Section 32.2 of ICA-D412-742.

Copyright © 2007 by DART AEROSPACE USA, INC.

THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.

DART

DESIGN <i>PH</i>	DRAWN BY <i>PH</i>	DART AEROSPACE USA, INC. PORT HADLOCK, WA	
CHECKED <i>[Signature]</i>	APPROVED <i>[Signature]</i>	DRAWING NO. DSI 9367	REV. A SHEET 3 OF 3
DATE 07.02.09		TITLE STAINLESS STEEL WEARSHOE KITS	SCALE NTS

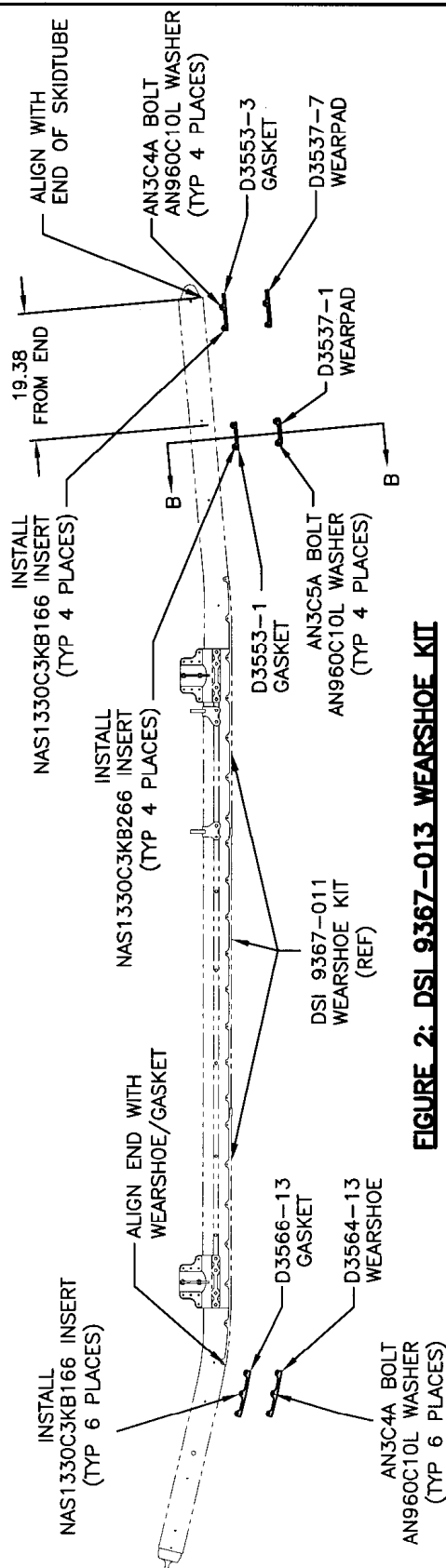
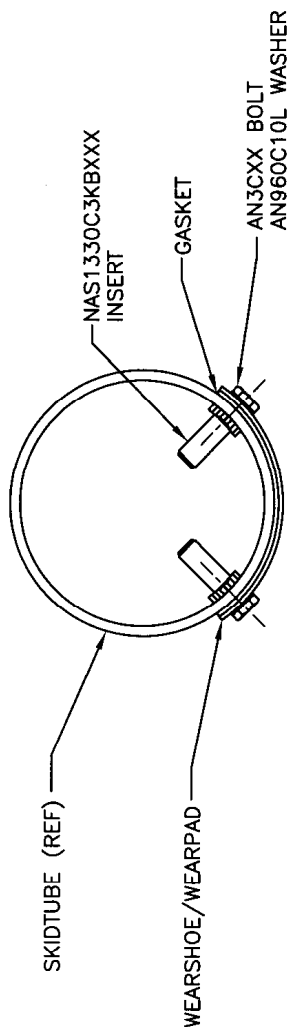


FIGURE 2: DSI 9367-013 WEARSHOE KIT



SECTION B-B
(TYPICAL INSTALLATION)

DSI 9367-013 Wearshoe Kit Installation Procedure

- 1) Remove skidtube from aircraft per Section 32.1 of ICA-D412-742.
- 2) Check skidtube for corrosion and mechanical damage in accordance with Chapter 5 of ICA-D412-742 and repair as required.
- 3) Locate the wearshoe/wearpads and gaskets as shown in Figure 2.
- 4) Using the wearshoe/wearpad/gasket as a template, drill $\varnothing 0.125$ holes in the center of the wearshoe/wearpad obrounds. Remove the wearshoe/wearpad/gasket and drill qty (14) $\varnothing 0.250$ - $\varnothing 0.257$ holes for installing the required inserts, countersink all holes to $\varnothing 0.391 \times 100^\circ$. Deburr and remove swarf from inside of skidtube.
- 5) Touch up holes with chemical film material (Alodine 1200/1201) per MIL-C-5541 and one coat of MIL-P-85582 or MIL-P-23377 primer. Install NAS1330C3KB inserts using Sikaflex -241/-291 or Proseal 890 or MIL-S-8802 Class 'B2' sealant prior to installation.
- 6) Install D3564-13 wearshoes and D3537-1/-7 wearpads complete with D3566-13 and D3553-1/-3 gaskets using AN3C bolts as applicable. All bolts should be sealed with Sikaflex-241/-291 or Proseal 890 or MIL-S-8802 Class 'B2' sealant before installing. Torque bolts 15-25 in-lbs (1.7-2.8 N-m).
- 7) Re-install skidtube on aircraft per Section 32.2 of ICA-D412-742.

Copyright © 2007 by DART AEROSPACE USA, INC.

THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.